Cypress™

Cypress Tech Talk

March 26, 2019



















Agenda

- Software Updates
 - Cypress Validation Utility + Calculation Check (CVU+)
 - Bring Your Own Patient Feature
 - Multi-measure Feature
 - Multi-measure Test Creation Demo
- Recent Issues
 - Record Sample Bugs: CYPRESS-1619, CYPRESS-1627, CYPRESS-1629
- Cypress Versions
- Open Discussion
- Contact Information

Cypress Validation Utility + Calculation Check (CVU+)

- Cypress v5 will include a new set of features called Cypress Validation Utility + Calculation Check (CVU+)
- CVU+ seeks to address the vendor concern that the 'certification process does not mirror a production scenario for electronic Clinical Quality Measure (eCQM) reporting'
 - Certification uses a constrained set of test patients
 - Certification does not enforce reporting program requirements (i.e., CMS Implementation Guide)
- CVU+ will supplement the existing certification program
 - Use of the CVU+ is not currently a requirement of the program

CVU+ Feature – Bring Your Own Patients

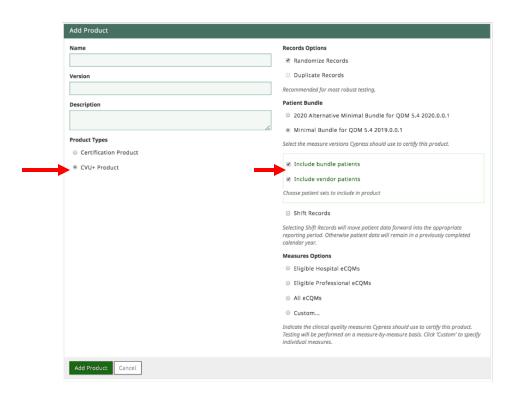
- Enhanced verification of a Health IT system's eCQM calculations
 - Using a combination of Cypress-defined patients and "bring your own" (BYO) patients
- Quality Reporting Document Architecture (QRDA) patient upload
 - Feature demoed during 3/12/19 Tech Talk
 - A user can upload BYO patient files, specific to a Vendor
 - This will allow them to make CVU+ products with those patients
 - CVU+ products allow for more extensive testing

CVU+ Feature – Multi-measure Tests

- Testing that better aligns with CMS quality reporting requirements
 - Ability to calculate across multiple measures at once
- Multi-measure Test Creation
 - A user can create a CVU+ tests for their product
 - A user can select which patients they want to draw from for test creation
 - Upon creation, CVU+ tests will include a multi-measure test for all Eligible Hospital (EH) measures and a multi-measure test for all Eligible Professional (EP)/Eligible Clinician (EC) measures selected
 - EH tests will test QRDA Category I reports against CMS guidelines
 - EP/EC tests will test QRDA Category III reports against CMS guidelines

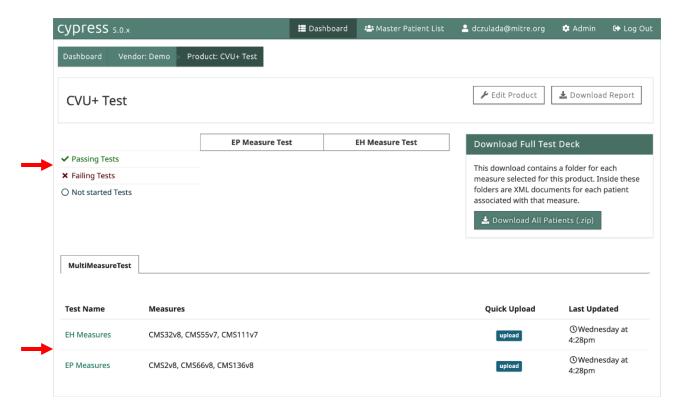
CVU+ Feature – Multi-measure Test Creation Demo

- When a user adds a product, the product creation form shows a "CVU+ Product" option to build CVU+ tests
- If they select this option, the may choose to "Include bundle patients,"
 "Include vendor patients," or both (BYO Patients feature)



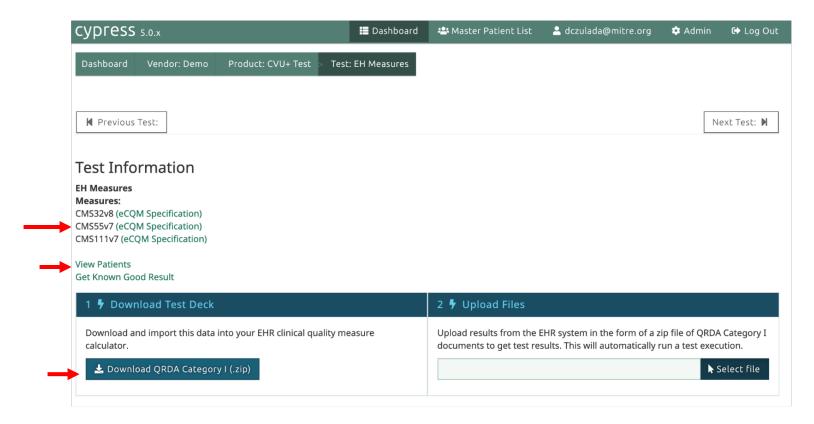
CVU+ Feature – Multi-measure Test Creation Demo

- In creating the product, Cypress builds tests for EH Measures (QRDA Cat I) and EP/EC Measures (QRDA Cat III)
- Statuses will be shown for these two kinds of tests



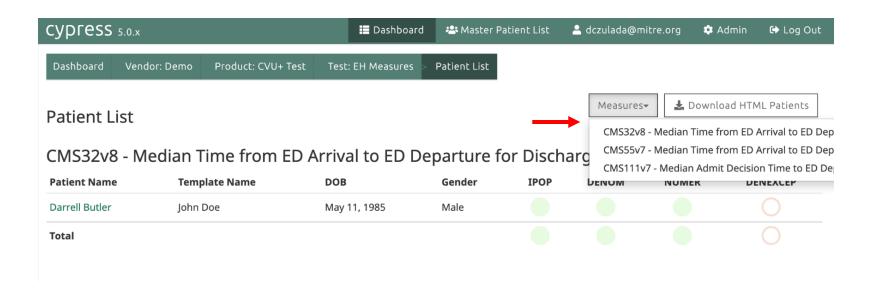
CVU+ Feature – Multi-measure Test Creation Demo

- For example, the EH Test will include all selected EH Measures
- The user can download one test deck for all EH Measures
- The user can view the patients for this test deck



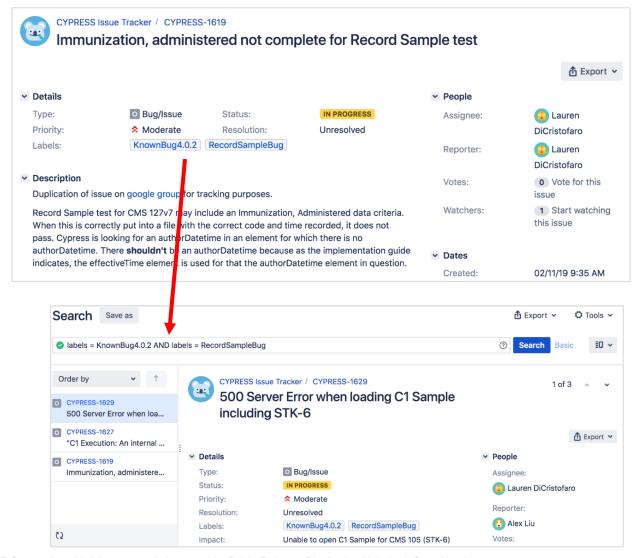
CVU+ Feature – Multi-measure Test Creation Demo

The Patient List will show all patients from the test deck, filterable by measure



Recent Issue

Record Sample Bugs in 4.0.2 Patch Release



Recent Issue

4.0.2 Record Sample Bugs

- <u>CYPRESS-1619</u>: Immunization, Administered authorDatetime in Record Sample
- <u>CYPRESS-1627</u>: Substance, Administered template not found in Record Sample submissions
- <u>CYPRESS-1629</u>: Criteria (LDL-c) in CMS105v7 causes error when accessing Record Sample

Workaround:

- Only necessary if Record Sample Test is generated with problematic criteria
- That data criteria may be swapped out for any other available data criteria option
- May reach out to Authorized Testing Laboratory (ATL) to edit the test and swap this criteria
- Search with <u>labels = KnownBug4.0.2 AND labels = RecordSampleBug</u> to find marked relevant bugs

Cypress Versions

Version	Dates	Measures Supported
V 3.2.3	December 14, 2017	Support for the electronic clinical quality measures (eCQM) for the 2018 Reporting/Performance Period. *will be supported alongside Cypress v4
V4.0.1	October 11, 2018	Support for the eCQMs for the 2019 Reporting/Performance Period Support for Clinical Quality Language (CQL) calculation.
V4.0.2	January 31, 2019	

Bundle Version	Dates	Features
2017.0.3	April 24, 2018	Cypress v3 only "Z1 BH Adult" updated for CMS128v6
2017.0.4	September 25, 2018	Cypress v3 only Errata update to fix 'Download All Patients' feature when 2017.0.3 and 2017.0.2 are installed simultaneously.
2018.0.1	July 26, 2018 Cypress v4 only CQL-based measures released in 2018 for the 2019 reporting year eCQM Value Sets as of 5/4/2018.	
2018.1.0	October 11, 2018	Cypress v4 only CQL-based measures released in 2018 for the 2019 reporting year eCQM Value Sets as of 9/17/2018.

OPEN DISCUSSION

Next Cypress Tech Talk

- Tuesday, April 9, 2019 at 1pm ET
- To join online, visit:
 https://meetings.cms.gov/orion/joinmeeting.do?MTID=98271705d4bc
 c4ad148cf1e39d5c7408
- To join via phone, dial: 1-877-267-1577
- Meeting Number: 998 084 717
- Meeting link, as well as a calendar event file, available at:
 - https://www.healthit.gov/cypress/techtalks.html

Notes

- Completed Webinars will be posted on the Cypress website on the Timeline tab
 - https://www.healthit.gov/cypress/techtalks.html
- Send questions and feedback to the Cypress Talk List at
 - project-cypress-talk@googlegroups.com
- Report bugs and issues to the Cypress JIRA at
 - https://oncprojectracking.healthit.gov/support/browse/CYPRESS